R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2758	037	03	26	75	26AB	3638	7546

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0010	09	07	06	032	Y	NW	20

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
5	CL	SA	E	FT	151	—	10	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00120	—	—	00001

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36°38′	75°46′	1874	3053	10		0954	0955
							PU	ON
FINISH	36°36′	75°46′	1854	3056	10		1025	1027

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
50	1100/6	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Tow Recorded on Simrad

OBSERVATIONS

Positive [illegible]

R/V DAN MOORE SPECIES LIST

STA. NO. 2758 DATE 26 Mar 1975 BIOLOGISTS BFH, JG, ABP

TOT. CATCH WT. 121 Finfish: Crust.: Moll.: Other

AIR 6 SURFACE 8.7 BOTT. 7.4 (Thermister)

Factor = 0 (see below for blueback)

SPECIES	CODE	NUMBER	WEIGHT	Tot wt ~~DATA~~ TAKEN	REMARKS
Sample	53-76		109	(USE	121 #)
* Alosa aestivalis		208	112	112	
Subsample			36		KEPT (Use raising factor)
Raising factor for A. aestivalis =			112/36	= 3.1111	
For mean weight 76 lbs of A. aestivalis =				141	(Xwt = .54)
* Alosa pseudoharengus		39	2	2	Threw over by mistake
* A. sapidissima	(JUV)	1	.06 KG	.13	FL = 150 mm ♀ (Imm)
Brevoortia tyrannus		19	.92 KG	2.02	
Peprilus triacanthus	(comm)	3	2	2	
" "	(NC)	8	.26 KG	.57	
Clupea harengus	(large)	2	.66 KG	1.45	
Anchoa mitchelli		-	.16 KG	.35	Numerous gilled in net.
Lolugo pealei	(comm)	1	.36 KG	.79	
				121	

Note: Alewifes approx. 90-100 mm considered yearlings (one summers growth)

A. aestivalis raising factor = 112/36 = 3.1111

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Species: Blueback herring (Alosa aestivalis)

Station #	Date	Grid	Fork Length (mm)	Sex	Scales	Age	Spawning Marks	Specimen #	Remarks
2758	3/26/75	26AB	245	♀ III	–	–	–	BB 2802	
"	"	"	235	♂	–	–	–	2803	
"	"	"	220	♂	–	–	–	2804	
"	"	"	248	♀ III	–	–	–	2805	
"	"	"	245	♀ III	–	–	–	2806	
"	"	"	250	♀ III	–	–	–	2807	
"	"	"	225	♀ I	–	–	–	2808	
"	"	"	245	♀ III	–	–	–	2809	
"	"	"	254	♀ III	–	–	–	2810	
"	"	"	252	♀ III	–	–	–	2811	
"	"	"	254	♂	–	–	–	2812	
"	"	"	253	♀ III	–	–	–	2813	
"	"	"	230	♂	–	–	–	2814	
"	"	"	223	♂	–	–	–	2815	
"	"	"	292	♀ II	–	–	–	2816	
"	"	"	255	♂	–	–	–	2817	
"	"	"	225	♂	–	–	–	2818	
"	"	"	227	♀ III	–	–	–	2819	
"	"	"	230	♂	–	–	–	2820	
"	"	"	233	♀ III	–	–	–	2821	
"	"	"	237	♀ III	–	–	–	2822	
"	"	"	215	♂	–	–	–	2823	
"	"	"	230	♀ II	–	–	–	2824	
"	"	"	249	♀ II	–	–	–	2825	
"	"	"	226	♂	–	–	–	2826	
"	"	"	226	♀ II	–	–	–	2827	
"	"	"	195	♂ Im	–	–	–	2828	
"	"	"	235	♀ II	–	–	–	2829	
"	"	"	235	♀ II	–	–	–	2830	
"	"	"	225	♂	–	–	–	2831	
"	"	"	240	♀ III	–	–	–	2832	
"	"	"	252	♀ III	–	–	–	2833	
"	"	"	170	♂ Im	–	–	–	2834	
"	"	"	142	♂ Im	–	–	–	2835	
"	"	"	–	UNK	–	–	–	2836	
"	"	"	224	♂	–	–	–	2837	
"	"	"	227	♀ III	–	–	–	2838	
"	"	"	238	♂	–	–	–	2839	
"	"	"	255	♂	–	–	–	2840	
"	"	"	232	♀ III	–	–	–	2841	
"	"	"	235	♀ III	–	–	–	2842	
"	"	"	245	♀ III	–	–	–	2843	
"	"	"	247	♂	–	–	–	2844	
"	"	"	225	♂	–	–	–	2845	
"	"	"	227	♂	–	–	–	2846	
"	"	"	247	♂	–	–	–	2847	
"	"	"	229	♂	–	–	–	2848	
"	"	"	237	♀ II	–	–	–	2849	
"	"	"	230	♀ III	–	–	–	2850	
"	"	"	258	♀ III	–	–	–	2851	
"	"	"	230	♀ III	–	–	–	2852	
"	"	"	230	♀ III	–	–	–	2853	
"	"	"	250	♀ III	–	–	–	2854	

Species: Blueback herring (Alosa aestivalis)

Station #	Date	Grid	Fork Length (mm)	Sex	Scales	Age	Spawning Marks	Specimen #	Remarks
2758	3/26/75	26 AB	242	♀ II	—	—	—	BB2855	
"	"	"	242	♂	—	—	—	2856	
"	"	"	241	♀ III	—	—	—	2857	
"	"	"	235	♀ II	—	—	—	2858	
"	"	"	215	♂	—	—	—	2859	
"	"	"	237	♀ III	—	—	—	2860	
"	"	"	138	♂ Im	—	—	—	2861	
"	"	"	107	UNK	—	—	—	2862	
"	"	"	247	♀ III	—	—	—	2863	
"	"	"	228	♂	—	—	—	2864	
"	"	"	252	♂	—	—	—	2865	
"	"	"	240	♀ III	—	—	—	2866	
"	"	"	260	♂	—	—	—	2867	
"	"	"	238	♀ III	—	—	—	2868	
"	"	"	257	♂	—	—	—	2869	
"	"	"	275	♀ III	—	—	—	2870	
"	"	"	237	♂	—	—	—	2871	
"	"	"	245	♀ III	—	—	—	2872	
"	"	"	260	♀ III	—	—	—	2873	
"	"	"	230	♂	—	—	—	2874	
"	"	"	255	♂	—	—	—	2875	
"	"	"	227	♂	—	—	—	2876	
"	"	"	230	♀ I	—	—	—	2877	
"	"	"	220	♂	—	—	—	2878	
"	"	"	250	♂	—	—	—	2879	
"	"	"	245	♂	—	—	—	2880	
"	"	"	235	♂	—	—	—	2881	
"	"	"	228	♂	—	—	—	2882	
"	"	"	230	♀ I	—	—	—	2883	
"	"	"	238	♂	—	—	—	2884	
"	"	"	223	♂	—	—	—	2885	
"	"	"	225	♂	—	—	—	2886	
"	"	"	81	UNK	—	—	—	2887	
"	"	"	78	UNK	—	—	—	2888	
"	"	"	102	UNK	—	—	—	2889	

STATION #2758

RAISING FACTOR = 3.1111
N = 87 TOTAL N = 271

	males (♂)	RAISING FACTOR	Females (♀)	RAISING FACTOR
135-139	1	3	—	—
140-144	1	3	—	—
145-149	—	—	—	—
150-154	—	—	—	—
155-159	—	—	—	—
160-164	—	—	—	—
165-169	—	—	—	—
170-174	1	3	—	—
175-179	—	—	—	—
180-184	—	—	—	—
185-189	—	—	—	—
190-194	—	—	—	—
195-199	1	3	—	—
200-204	—	—	—	—
205-209	—	—	—	—
210-214	—	—	—	—
215-219	2	6	—	—
220-224	5	16	—	—
225-229	10	31	4	12
230-234	3	9	8	25
235-239	5	16	8	25
240-244	1	3	4	12
245-249	3	9	8	25
250-254	3	9	6	19
255-259	4	12	1	3
260-264	1	3	2	6
265-269	—	—	—	—
270-274	—	—	—	—
275-279	—	—	1	3
	41	126	42	130

UNK sex	1 at 75 mm	3	
	1 at 80 mm	3	TOTAL = 87
	1 at 100 mm	3	
	1 at 105 mm	3	GRAND TOTAL = 268
	4	12	

2,758.00

5.00

245.00	F
235.00	M
220.00	M
248.00	F
245.00	F
250.00	F
225.00	F
245.00	F
254.00	F
252.00	F
254.00	M
253.00	F
230.00	M
223.00	M
262.00	F
255.00	M
225.00	M
227.00	F
230.00	M
233.00	F
237.00	F
215.00	M
230.00	F
249.00	F
235.00	M
226.00	F
195.00	M
235.00	F
235.00	F
225.00	M
240.00	F
252.00	F
170.00	M
142.00	M
224.00	M
227.00	F
238.00	M
255.00	M
232.00	F
235.00	F
245.00	F
247.00	M
225.00	M
227.00	M
247.00	M
229.00	M
237.00	F
230.00	F
258.00	F
230.00	F
230.00	F
250.00	F
242.00	F
242.00	M
241.00	F
235.00	F
215.00	M
237.00	F
138.00	M
107.00	I
247.00	F
228.00	M
252.00	M
240.00	F
260.00	M
238.00	F
257.00	M
275.00	F
237.00	M
245.00	F
260.00	F
230.00	M
255.00	M
227.00	M
230.00	F
220.00	M
250.00	M
245.00	M
235.00	M
228.00	M
230.00	F
238.00	M
223.00	M
225.00	M
81.00	I
78.00	I
102.00	I

1.00 I

135.

1.00 M

140.

1.00 M

170.

1.00 M

247.00		M
229.00		M
237.00	F	
230.00	F	
258.00	F	
230.00	F	
230.00	F	
250.00	F	
242.00	F	
242.00		M
241.00	F	
235.00	F	
215.00		M
237.00	F	
138.00		M
107.00	I	
247.00	F	
228.00		M
252.00		M
240.00	F	
260.00		M
238.00	F	
257.00		M
275.00	F	
237.00		M
245.00	F	
260.00	F	
230.00		M
255.00		M
227.00		M
230.00	F	
220.00		M
250.00		M
245.00		M
235.00		M
228.00		M
230.00	F	
238.00		M
223.00		M
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78.00	I	
102.00	I	
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1.00		M
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255.		
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8.00	F	
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6.00	F	
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1.00	F	
255.		
2.00	F	
260.		
1.00	F	
275.		
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1.00	I	
75.		
1.00	I	
80.		
1.		I